

Title (en)
OPTICAL FOCUS POSITION CONTROL IN AN OPTICAL MEMORY SYSTEM

Publication
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Application
EP 84302661 A 19840418

Priority
• JP 5384284 A 19840319
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Abstract (en)
[origin: EP0122816A2] An optical focus position control system in an optomagnetic disc apparatus includes a tracking control device and a focus control device. The tracking control device includes an intermediate holder, a tracking parallel spring which connects an objective lens-mirror cylinder to the intermediate holder while ensuring movement of the objective lens-mirror cylinder in the radial direction of the optomagnetic disc, and a tracking drive mechanism to shift the objective lens-mirror cylinder in the radial direction within the intermediate holder. The focus control device includes a stationary holder, a focusing parallel spring which connects the intermediate holder to the stationary holder while ensuring movement of the intermediate holder in the direction of the optical axis of laser beams emitted through the optical focus position control system, and a focusing drive mechanism to shift the intermediate holder in the optical axis direction within the stationary holder.

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Cited by
EP0604159A3; US5563853A; GB2233107A; US5014085A; GB2233107B

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EP 0122816 A2 19841024; EP 0122816 A3 19851127; EP 0122816 B1 19900718; DE 3482725 D1 19900823; US 4658390 A 19870414

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